## **CLAIM AMENDMENTS**

## **Claim Amendment Summary**

## Claims pending

Before this Amendment: Claims 1-86

• After this Amendment: Claims 1-20

Non-Elected, Canceled, or Withdrawn claims: 21-86

Amended claims: None

New claims: none

## Claims:

and

1. (Original) One or more processor-accessible media comprising processor-executable instructions that, when executed, direct a device to perform actions comprising:

accepting a connection;

aggregating a connection state for the connection from a protocol stack;

sending the connection state.

**2. (Original)** The one or more processor-accessible media as recited in claim 1, wherein the action of accepting comprises an action of:

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sending an acknowledgment packet in response to a connection-

requesting packet.

3. (Original) The one or more processor-accessible media as recited

in claim 1, comprising the processor-executable instructions that, when

executed, direct the device to perform a further action comprising:

receiving data for the connection;

wherein the action of aggregating comprises an action of:

aggregating the connection state from a protocol state of the protocol

stack and the data.

4. (Original) The one or more processor-accessible media as recited

in claim 1, wherein the action of aggregating comprises an action of:

compiling a protocol state from the protocol stack.

5. (Original) The one or more processor-accessible media as recited

in claim 4, wherein the action of compiling comprises an action of:

compiling the protocol state from the protocol stack starting at a highest

level of the protocol stack.

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6. (Original) The one or more processor-accessible media as recited

in claim 4, wherein the action of compiling comprises an action of:

compiling the protocol state from the protocol stack at a transmission

control protocol (TCP) stack portion and an internet protocol (IP) stack portion.

7. (Original) The one or more processor-accessible media as recited

in claim 1, wherein the action of sending comprises actions of:

bundling the connection state with a flow identifier that corresponds to the

connection to produce a binary blob; and

transmitting the binary blob from an originating device to a target device.

8. (Original) The one or more processor-accessible media as recited

in claim 1, wherein the action of sending comprises actions of:

bundling the connection state with a flow identifier that corresponds to the

connection to produce a binary blob; and

transmitting the binary blob from an originating device to a target device

in a reliable manner such that the binary blob may be received intact at the

target device even if one or more packets that comprise the binary blob are lost

or corrupted.

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9. (Original) The one or more processor-accessible media as recited

in claim 1, comprising the processor-executable instructions that, when

executed, direct the device to perform further actions comprising:

selecting a flow identifier for the connection responsive to a connection

counter; and

sending the flow identifier to identify packets corresponding to the

connection.

10. (Original) The one or more processor-accessible media as recited

in claim 1, wherein the action of sending comprises an action of:

sending the connection state to a targeted device;

wherein the processor-executable instructions, when executed, direct the

device to perform a further action comprising:

forwarding subsequent packets for the connection to the targeted device

using a flow identifier to encapsulate the subsequent packets.

11. (Original) One or more processor-accessible media comprising

processor-executable instructions that, when executed, direct a device to

perform actions comprising:

receiving a connection state for a connection;

injecting the connection state for the connection into a network stack; and

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continuing the connection using the injected connection state.

**12.** (Original) The one or more processor-accessible media as recited

in claim 11, wherein the action of continuing comprises an action of:

continuing the connection by indicating received packets up to an

application in accordance with the injected connection state.

**13.** (Original) The one or more processor-accessible media as recited

in claim 11, wherein:

the action of receiving comprises an action of:

receiving the connection state, the connection state having a protocol

state and data for the connection; and

the action of injecting comprises an action of:

injecting the protocol state into a protocol stack portion of the network

stack.

**14.** (Original) The one or more processor-accessible media as recited

in claim 13, wherein the action of injecting the connection state further

comprises an action of:

indicating the data for the connection up the network stack toward an

application.

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**15.** (Original) The one or more processor-accessible media as recited

in claim 11, wherein the action of injecting comprises an action of:

infusing a protocol state from the connection state into a protocol stack

portion of the network stack.

16. (Original) The one or more processor-accessible media as recited

in claim 15, wherein the action of infusing comprises an action of:

infusing the protocol state into the protocol stack starting at a highest level

of the protocol stack.

17. (Original) The one or more processor-accessible media as recited

in claim 15, wherein the action of infusing comprises an action of:

infusing the protocol state into the protocol stack at a transmission control

protocol (TCP) stack portion and an internet protocol (IP) stack portion.

**18.** (Original) The one or more processor-accessible media as recited

in claim 11, wherein the action of receiving comprises actions of:

receiving a binary blob from an originating device at a target device, the

binary blob including the connection state and a flow identifier that corresponds

to the connection; and

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unbundling the connection state and the flow identifier at a level of the

network stack that is below a protocol stack portion of the network stack.

**19.** (Original) The one or more processor-accessible media as recited

in claim 11, comprising the processor-executable instructions that, when

executed, direct the device to perform further actions comprising:

receiving an encapsulation mapping; and

storing the received encapsulation mapping in an encapsulation mapping

table that may be accessed according to flow identifier.

**20.** (Original) The one or more processor-accessible media as recited

in claim 11, wherein the action of receiving comprises an action of:

receiving the connection state from an originating device;

wherein the processor-executable instructions, when executed, direct the

device to perform a further action comprising:

receiving from the originating device encapsulated packets that have a

flow identifier; and

de-encapsulating the encapsulated packets using an encapsulation

mapping entry that links the flow identifier to a source/destination pair.

21-86. (Canceled)